

(4)

Plane

$$x = -220t \cos 20$$

$$y = -220t \sin 20$$

Wind

$$x = 40t \cos 70$$

$$y = -40t \sin 70$$

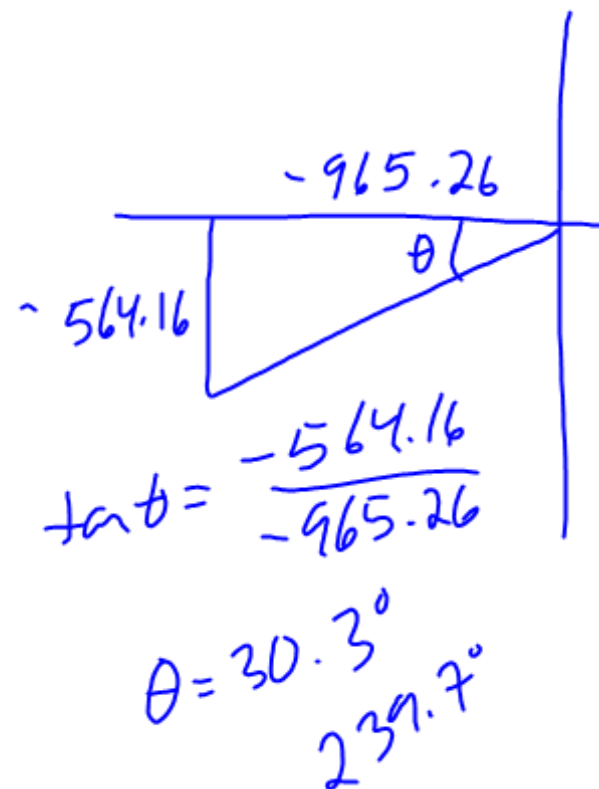
Total

$$X = -220t \cos 20 + 40t \cos 70$$

$$Y = -220t \sin 20 - 40t \sin 70$$

$$X = -965.26$$

$$Y = -564.16$$

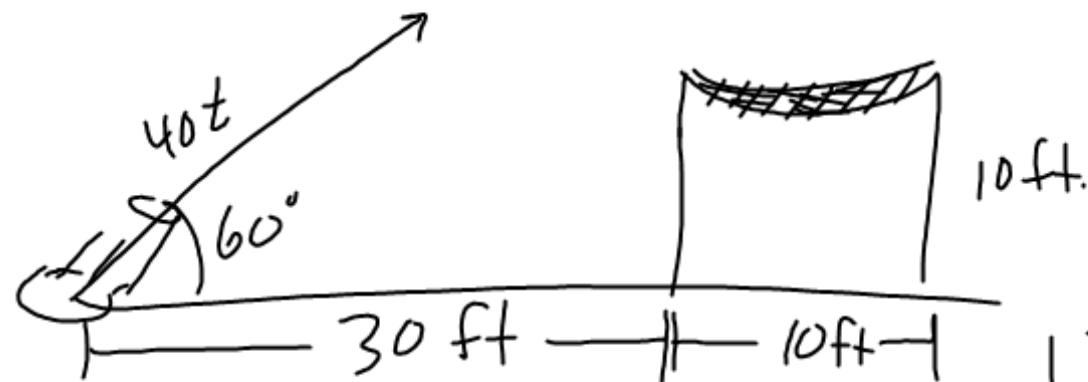


(HW) Sect. 6.6

#6, 7a-d, 8

Write up Project for Thursday

- Problem statement
- Method of Attack, i.e. analysis
- Work
- Conclusion with justification → does it make sense reasonable?



Go zero

$$X = 40t \cos 60^\circ$$

$$Y = 40t \sin 60^\circ$$

gravity

$$x = 0$$

$$y = -16t^2 + 0$$

Total

$$X = 40t \cos 60^\circ$$

$$Y = 40t \sin 60^\circ - 16t^2$$